AMENDMENTS TO CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A conversion circuit for a brushless dc motor connected with a dc motor drive circuit, comprising:

a rectifier unit electrically connected to an ac power source to thereby supply ~~with~~ a dc voltage~~ suitable for the brushless dc motor~~ to the dc motor drive circuit;

a voltage-stabilizing control unit electrically connected between the rectifier unit and the dc motor drive circuit, and adapted to detect whether a dc voltage supplied by the rectifier unit to the dc motor drive circuit is a low dc voltage suitable for the brushless dc motor; and

a voltage-stabilizing unit electrically connected between the voltage-stabilizing control unit and the dc motor drive circuit, ~~and adapted~~ said voltage-stabilizing unit being controlled by the voltage-stabilizing control unit to supply ~~with the~~ a stabilized dc voltage to the dc motor drive circuit only if the voltage-stabilizing control unit detects that the dc voltage suppled by the rectifier unit is said low dc voltage;

wherein the dc voltage supplied from the rectifier unit is passed through the voltage-stabilizing control unit ~~and~~ controlled by the voltage-stabilizing unit to turn on or off the dc motor drive circuit,~~ thereby limiting a passage of a high voltage through the dc motor drive circuit and providing with stabilized dc voltage for the dc motor drive circuit~~, said voltage-stabilizing control unit cutting off supply of dc voltage to the dc motor drive circuit when a high dc voltage is detected.

2. (Currently Amended) The conversion circuit for the brushless dc motor as defined in Claim 1, wherein the rectifier unit is selected from ~~a~~ the group ~~consisted~~ consisting of a bridge ~~recitifier~~ rectifier and a diode.

3. (Original) The conversion circuit for the brushless dc motor as defined in Claim 1, further comprising a pulse-wave-absorbing unit serially connected between the rectifier unit and the dc motor drive circuit.

4. (Original) The conversion circuit for the brushless dc motor as defined in Claim 3, wherein the pulse-wave-absorbing unit is a varistor.

5. (Original) The conversion circuit for the brushless dc motor as defined in Claim 1, further comprising a filter unit serially connected between the rectifier unit and the dc motor drive circuit.

6. (Original) The conversion circuit for the brushless dc motor as defined in Claim 5, wherein the filter unit is a capacitor.

7. (Original) The conversion circuit for the brushless dc motor as defined in Claim 1, wherein the voltage-stabilizing control unit includes an operational amplifier, a diode, a first resistor, a second resistor, a third resistor, a first capacitor, a fourth resistor and a second capacitor.

8. (Original) The conversion circuit for the brushless dc motor as defined in Claim 7, wherein the diode, the first resistor, the third resistor and the first capacitor are commonly provided with a predetermined floating value of a reference voltage input into the operational amplifier for comparing with the dc voltage.

9. (Original) The conversion circuit for the brushless dc motor as defined in Claim 1, wherein the voltage-stabilizing unit is a Metal-Oxide Semiconductor Field Effect Transistor.